

II. REMARKS

Applicants have reviewed the *non*-final Office Action mailed September 23, 2005 (“Office Action”).

A. Invention

The present invention is generally directed toward a Single Ku-Band Multi-Polarization Gallium Arsenide Transmit Chip.

B. Amendments

Claim 1 has been cancelled without prejudice.

Claims 46, 49, 50, and 52 have been amended for formal reasons. The amendment to claim 52 incorporates the recitations of claim 47.

In sum, claims 46-65 are pending after entry of this Amendment.

C. Rejection of Claim 1 under 35 U.S.C. §§112 ¶2 and 103

Claim 1 is rejected under 35 U.S.C. §112, second paragraph, as being indefinite.

Claim 1 is also rejected as being obvious in view of Fassett (4,088,970), Fassett (3,665,480), Gould (5,568,158), and Mohuchy (5,933,158).

Claim 1 has been cancelled without prejudice, so these rejections are rendered moot.

D. Objection to Claims 46-64

Claim 46 was objected to for reciting “outputting a first and second based on signals.” (Claims 47-64 depend from claim 46 and were objected to for incorporating the informality of claim 46.) As the Examiner correctly notes, this phrase was missing the

word “signal” after the word “second.” Accordingly, claim 46 has been amended to recite “outputting a first and second signal based on signals,” in accordance with the Examiner’s suggestion.

Applicant respectfully request that the instant objection to claims 46-65 be withdrawn.

E. Allowable Subject Matter

Applicant notes with appreciation that claim 65 was allowed. The Applicant and Applicant’s representative thank the Examiner for working with the Applicant over the course of several office actions and for granting Applicant an interview to discuss the case.

The Examiner further indicated that claims 46-64 would be allowable but for the formal objection to claim 46. Applicant has amended claim 46 to overcome the formal objection, and Applicant submits that claims 46-64 are therefore in a condition for allowance.

III. CONCLUSION

For all the reasons set forth above, it is respectfully submitted that all outstanding rejections have been overcome or rendered moot. Further, all pending claims are patentably distinguishable over the prior art of record. All amendments are supported by the specification. Applicants accordingly submit that these claims are in a condition for allowance. Reconsideration and allowance of all claims are respectfully requested.

Authorization is hereby granted to charge or credit the undersigned's Deposit Account No. 50-0206 for any fees or overpayments related to the entry of this Amendment, including any extension of time fees and new claims fees.

Respectfully submitted,

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